Table CE1-7c. Total Energy Consumption in U.S. Households by Four Most Populated States, 1997

| | | | | | | _ | | |
|--|--|---|---|--|--|---|---|--------------------|
| | Four Most Populated States | | | | | | | |
| RSE Column Factor: | Total U.S. | New York | California | Texas | Florida | RSE Row Factors | | |
| | | | | | | | - | Million Households |
| Fotal U.S. Households | 101.5 | 6.8 | 11.5 | 7.0 | 5.9 | NF | | |
| Number of Households, Fuels Used (more han one may apply): | | | | | | | | |
| Electricity ¹ | 101.4 | 6.8 | 11.5 | 7.0 | 5.9 | NF | | |
| Natural Gas | 61.9 | 5.1 | 9.7 | 4.7 | 1.2 | 5.9 | | |
| Fuel Oil | 10.0 | 2.9 | Q. | Q. | Q | 17.8 | | |
| | | | | | | | | |
| Kerosene | 3.5 | Q | Q | Q | Q | 25.1 | | |
| LPG | 8.1 | 0.6 | 0.4 | 0.3 | 0.4 | 21.4 | | |
| Wood | 15.0 | 0.8 | 2.1 | 0.9 | 0.7 | 15.8 | | |
| - | Quadrillion Btu | | | | | | | |
| - | | | | | | | | |
| otal Btu Consumption, Fuels Used: Electricity | 40.70 | 0.44 | 0.70 | 4.04 | 0.07 | | | |
| Primary | 10.72 | 0.41 | 0.72 | 1.01 | 0.87 | 4.7 | | |
| Site | 3.54 | 0.14 | 0.24 | 0.33 | 0.29 | 4.7 | | |
| Natural Gas | 5.28 | 0.39 | 0.47 | 0.32 | 0.03 | 8.3 | | |
| Fuel Oil | 1.01 | 0.30 | Q | Q | Q | 22.7 | | |
| Kerosene | 0.06 | Q | Q | Q | Q | 47.3 | | |
| LPG | 0.36 | 0.01 | 0.02 | 0.02 | | 1 | | |
| - | | | | | (*) | 26.8 | | |
| Wood | 0.43 | 0.08 | 0.04 | 0.01 | Q | 13.4 | | |
| Total (excludes primary electricity | | | | | | | | |
| and wood) | 10.25 | 0.84 | 0.73 | 0.67 | 0.33 | 3.8 | | |
| - | Physical Units | | | | | | | |
| _ | | | | | | | | |
| - Physical Units of Total Consumption, | | | | | | | | |
| Fuels Used: | | | | | | | | |
| Fuels Used: Electricity (billion kWh) | 1,037 | 40 | 70 | 98 | 84 | 1 | | |
| uels Used: Electricity (billion kWh) | 1,037 5,143 | 40 379 | 70 459 | 98 311 | 84 30 | | | |
| Fuels Used: Electricity (billion kWh) Natural Gas (billion cf) | , | | | | | 8.3 | | |
| Fuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) | 5,143 7,273 | 379 2,163 | 459 Q | 311 Q | 30 Q | 4.7 8.3 22.7 47.3 | | |
| uels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) | 5,143 7,273 437 | 379 2,163 Q | 459 Q Q | 311 Q Q | 30 Q Q | 8.3 22.7 47.3 | | |
| Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) | 5,143 7,273 | 379 2,163 | 459 Q | 311 Q | 30 Q | 8.3 22.7 47.3 26.8 | | |
| Tuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) | 5,143 7,273 437 3,937 | 379 2,163 Q 102 4.2 | 459 Q Q 183 1.9 | 311 Q Q 178 0.5 | 30 Q Q 44 | 8.3 22.7 47.3 26.8 | | |
| Tuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) | 5,143 7,273 437 3,937 | 379 2,163 Q 102 4.2 | 459 Q Q 183 | 311 Q Q 178 0.5 | 30 Q Q 44 | 8.3 22.7 47.3 26.8 | | |
| Tuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) - Total Btu Consumption per Household, fuels Used: | 5,143 7,273 437 3,937 | 379 2,163 Q 102 4.2 | 459 Q Q 183 1.9 | 311 Q Q 178 0.5 | 30 Q Q 44 | 8.3 22.7 47.3 26.8 | | |
| uels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) - otal Btu Consumption per Household, uels Used: Electricity | 5,143 7,273 437 3,937 21.4 | 379 2,163 Q 102 4.2 | 459 Q Q 183 1.9 | 311 Q Q 178 0.5 Dusehold ² | 30 Q Q 44 Q | 8.3 22.7 47.3 26.8 13.4 | | |
| uels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) | 5,143 7,273 437 3,937 21.4 | 379 2,163 Q 102 4.2 M | 459 Q Q 183 1.9 illion Btu per Ho | 311 Q Q 178 0.5 Dusehold ² | 30 Q Q 44 Q | 8.3 22.7 47.3 26.8 13.4 | | |
| uels Used: Electricity (billion kWh) | 5,143 7,273 437 3,937 21.4 | 379 2,163 Q 102 4.2 M | 459 Q Q 183 1.9 illion Btu per Ho 62.9 20.8 | 311 Q Q 178 0.5 Dusehold ² | 30 Q Q 44 Q | 8.3 22.7 47.3 26.8 13.4 | | |
| Tuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) | 5,143 7,273 437 3,937 21.4 | 379 2,163 Q 102 4.2 M | 459 Q Q 183 1.9 illion Btu per Ho | 311 Q Q 178 0.5 Dusehold ² | 30 Q Q 44 Q | 8.3 22.7 47.3 26.8 13.4 | | |
| uels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) - otal Btu Consumption per Household, uels Used: Electricity Primary Site Natural Gas | 5,143 7,273 437 3,937 21.4 | 379 2,163 Q 102 4.2 M | 459 Q Q 183 1.9 illion Btu per Ho 62.9 20.8 | 311 Q Q 178 0.5 Dusehold ² | 30 Q Q 44 Q | 8.3 22.7 47.3 26.8 13.4 | | |
| uels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) - Otal Btu Consumption per Household, uels Used: Electricity Primary Site Natural Gas Fuel Oil | 5,143 7,273 437 3,937 21.4 105.6 34.9 85.3 101.2 | 379 2,163 Q 102 4.2 M 60.8 20.1 75.9 103.0 | 459 Q Q 183 1.9 illion Btu per Ho 62.9 20.8 48.6 Q | 311 Q Q 178 0.5 Dusehold ² | 30 Q Q 44 Q | 8.3 22.7 47.3 26.8 13.4 4.7 4.7 6.2 8.7 | | |
| Tuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) - Total Btu Consumption per Household, Tuels Used: Electricity Primary Site Natural Gas Fuel Oil Kerosene | 5,143 7,273 437 3,937 21.4 105.6 34.9 85.3 101.2 17.0 | 379 2,163 Q 102 4.2 M 60.8 20.1 75.9 103.0 45.1 | 459 Q Q 183 1.9 illion Btu per Ho 62.9 20.8 48.6 Q Q | 311 Q Q 178 0.5 Dusehold ² 145.4 48.0 67.8 Q Q | 30 Q Q 44 Q 146.9 48.5 27.2 Q Q | 8.3 22.7 47.3 26.8 13.4 4.7 6.2 8.7 26.3 | | |
| Tuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) | 5,143 7,273 437 3,937 21.4 105.6 34.9 85.3 101.2 17.0 44.6 | 379 2,163 Q 102 4.2 M 60.8 20.1 75.9 103.0 45.1 16.8 | 459 Q Q 183 1.9 illion Btu per Ho 62.9 20.8 48.6 Q Q 39.1 | 311 Q Q 178 0.5 Dusehold ² 145.4 48.0 67.8 Q Q 49.1 | 30 Q Q 44 Q 146.9 48.5 27.2 Q Q 10.5 | 8.3 22.7 47.3 26.8 13.4 4.7 4.7 6.2 8.7 26.3 18.7 | | |
| Fuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) - Fotal Btu Consumption per Household, Fuels Used: Electricity Primary Site Natural Gas Fuel Oil Kerosene LPG Wood | 5,143 7,273 437 3,937 21.4 105.6 34.9 85.3 101.2 17.0 | 379 2,163 Q 102 4.2 M 60.8 20.1 75.9 103.0 45.1 | 459 Q Q 183 1.9 illion Btu per Ho 62.9 20.8 48.6 Q Q | 311 Q Q 178 0.5 Dusehold ² 145.4 48.0 67.8 Q Q | 30 Q Q 44 Q 146.9 48.5 27.2 Q Q | 8.3 22.7 47.3 26.8 13.4 4.7 4.7 6.2 8.7 26.3 18.7 | | |
| Fuels Used: Electricity (billion kWh) Natural Gas (billion cf) Fuel Oil (million gallons) Kerosene (million gallons) LPG (million gallons) Wood (million cords) Fotal Btu Consumption per Household, Fuels Used: Electricity Primary Site Natural Gas Fuel Oil Kerosene LPG | 5,143 7,273 437 3,937 21.4 105.6 34.9 85.3 101.2 17.0 44.6 | 379 2,163 Q 102 4.2 M 60.8 20.1 75.9 103.0 45.1 16.8 | 459 Q Q 183 1.9 illion Btu per Ho 62.9 20.8 48.6 Q Q 39.1 | 311 Q Q 178 0.5 Dusehold ² 145.4 48.0 67.8 Q Q 49.1 | 30 Q Q 44 Q 146.9 48.5 27.2 Q Q 10.5 | 8.3 | | |

See footnotes at end of table.

Table CE1-7c. Total Energy Consumption in U.S. Households by Four Most Populated States, 1997 (Continued)

| | Total U.S. | Four Most Populated States | | | | | | |
|--|------------------------------|--|---|---|---|---|---|---|
| RSE Column Factor: | | New York | California | Texas | Florida 1.5 | RSE Row Factors | | |
| | | | | | | | - | Physical Units per Household ² |
| Physical Units of Total Consumption per Household, Fuels Used: | | | | | | | | |
| Electricity (kWh) | 10,219 | 5,879 | 6,087 | 14,062 | 14,210 | 4.7 | | |
| Natural Gas (thousand cf) | 83 | 74 | 47 | 66 | 26 | 6.2 | | |
| Fuel Oil (gallons) | 730 | 743 | Q | Q | Q | 8.7 | | |
| Kerosene (gallons) | 126 | 334 | ã | ã | ã | 26.3 | | |
| LPG (gallons) | 488 | 184 | 429 | 538 | 115 | 18.7 | | |
| Wood (cords) | 1.4 | 5.0 | 0.9 | 0.6 | 0.5 | 14.6 | | |
| - | Million Households | | | | | | | |
| Number of Households, Where the End Use Is: Space Heating ³ | 99.7 | 6.7 | 11.2 | 6.9 | 5.7 | 1.5 | | |
| Electric Air-Conditioning ⁴ | 72.6 | 4.2 | 4.6 | 6.3 | 5.6 | 3.3 | | |
| Water Heating ⁵ | 100.8 | 6.8 | 11.4 | 6.9 | 5.8 | NF | | |
| Refrigerators | 101.3 | 6.8 | 11.4 | 7.0 | 5.9 | NF | | |
| Appliances | 101.5 | 6.8 | 11.5 | 7.0 | 5.9 | NF | | |
| - | Quadrillion Btu | | | | | | | |
| | | | | | | | | |
| Total Btu Consumption, Where the End | | | | | | | | |
| Use Is: | 5 18 | 0.52 | 0.22 | 0.21 | 0.03 | 8.7 | | |
| Use Is: Space Heating | 5.18 0.42 | 0.52 0.01 | 0.22 0.02 | 0.21 0.07 | 0.03 0.07 | 8.7 10.0 | | |
| Use Is: Space Heating Electric Air-Conditioning | 5.18 0.42 1.92 | 0.52 0.01 0.17 | 0.22 0.02 0.24 | 0.21 0.07 0.14 | 0.03 0.07 0.06 | 8.7 10.0 4.2 | | |
| Use Is: Space Heating Electric Air-Conditioning Water Heating | 0.42 | 0.01 | 0.02 | 0.07 | 0.07 | 10.0 | | |
| Use Is: Space Heating Electric Air-Conditioning | 0.42 1.92 | 0.01 0.17 | 0.02 0.24 | 0.07 0.14 | 0.07 0.06 | 10.0 4.2 | | |
| Use Is: Space Heating Electric Air-Conditioning Water Heating Refrigerators | 0.42 1.92 0.46 | 0.01 0.17 0.02 0.12 | 0.02 0.24 0.04 | 0.07 0.14 0.04 0.20 | 0.07 0.06 0.03 | 10.0 4.2 3.5 | | |
| Use Is: Space Heating Electric Air-Conditioning Water Heating Refrigerators Other Appliances and Lighting - Total Btu Consumption per Household, | 0.42 1.92 0.46 | 0.01 0.17 0.02 0.12 | 0.02 0.24 0.04 0.22 | 0.07 0.14 0.04 0.20 | 0.07 0.06 0.03 | 10.0 4.2 3.5 | | |
| Use Is: Space Heating Electric Air-Conditioning Water Heating Refrigerators Other Appliances and Lighting - Total Btu Consumption per Household, Where the End Use Is: | 0.42 1.92 0.46 2.27 | 0.01 0.17 0.02 0.12 | 0.02 0.24 0.04 0.22 Iillion Btu per H | 0.07 0.14 0.04 0.20 ousehold ² | 0.07 0.06 0.03 0.14 | 10.0 4.2 3.5 4.1 | | |
| Use Is: Space Heating Electric Air-Conditioning Water Heating Refrigerators Other Appliances and Lighting - Total Btu Consumption per Household, Where the End Use Is: Space Heating | 0.42 1.92 0.46 2.27 | 0.01 0.17 0.02 0.12 | 0.02 0.24 0.04 0.22 lillion Btu per H | 0.07 0.14 0.04 0.20 ousehold ² | 0.07 0.06 0.03 0.14 | 10.0 4.2 3.5 4.1 | | |
| Use Is: Space Heating Electric Air-Conditioning Water Heating Refrigerators Other Appliances and Lighting - Total Btu Consumption per Household, Where the End Use Is: Space Heating Electric Air-Conditioning | 0.42 1.92 0.46 2.27 | 0.01 0.17 0.02 0.12 N | 0.02 0.24 0.04 0.22 lillion Btu per H | 0.07 0.14 0.04 0.20 ousehold ² | 0.07 0.06 0.03 0.14 4.6 13.1 | 10.0 4.2 3.5 4.1 8.8 7.8 | | |
| Use Is: Space Heating | 0.42 1.92 0.46 2.27 | 0.01 0.17 0.02 0.12 | 0.02 0.24 0.04 0.22 lillion Btu per H | 0.07 0.14 0.04 0.20 ousehold ² | 0.07 0.06 0.03 0.14 | 10.0 4.2 3.5 4.1 | | |

¹ The RECS cannot be used to accurately estimate the number of households that do not use electricity.

² The averages for total and for appliances are over the set of all households; otherwise the averages are over the set of households using a given fuel or over the set using a given end use.

3 Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

The number of households, where the end use is electric air-conditioning, does **not** include households that did not use their equipment (0.9 million). It does include the small number of households where the fuel for central air-conditioning equipment was something other than electricity;

those households were treated as if the fuel was electricity.

5 Households where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

^{(*) =} Value rounds to zero in the units displayed.

NF = No applicable RSE row factor.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled. Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1997 Residential Energy Consumption Survey.